

Recovery Act
Energy Efficient Appliance Rebate Program
State of Rhode Island

October 15, 2009

WORK PERFORMED UNDER AGREEMENT
DE-EE00001613

SUBMITTED BY
Rhode Island Office of Energy Resources
Rhode Island Department of Administration
1 Capitol Hill
Providence RI 02908

PRINCIPAL INVESTIGATOR

Janet Keller
401-574-9126
401-574-9125
jkeller@energy.ri.gov

SUBMITTED TO

U. S. Department of Energy
Idaho Field Office
Jeff Fogg, Contract Specialist
foggjc@id.doe.gov
208-526-4958

Executive Summary

Proposed ARRA State Energy Efficiency Appliance Rebate Program (SEEARP)

Program Summary

The Rhode Island Office of Energy Resources (OER) proposes to provide an easy-to-use rebate program for selected ENERGY STAR kitchen and heating appliances to serve all RI residents regardless of utility provider. The OER proposes to issue an RFP for a sub-grantee with substantial successful experience in residential rebate programs. The sub-grantee will set up and deliver a program that would provide easy access for residents anywhere in the state to apply for rebates for ENERGY STAR kitchen appliances and ENERGY STAR heating equipment.

Residents will submit rebate applications to a sub-grantee that will market and process the Rhode Island ARRA rebates for qualifying appliance/s through OER and utility websites, through a 1-800 telephone number and through retail outlets and pass applications to distribution utilities for further processing if needed.

The Rhode Island ARRA rebates shown in Table 1 would be in addition to existing programs. The program would provide higher rebates levels for kitchen appliances and would expand the number of rebates available for heating equipment through utility administered programs.

Goals

The program is intended to meet ARRA economic stimulus goals of directing funds to those most in need, retaining jobs, aiding economic recovery, and stabilizing local and state budgets.

Objectives

The program proposes to meet these goals by providing a cost effective program that leverages state and local rebate processing and national ENERGY STAR outreach; by increasing rebate levels for ENERGY STAR kitchen appliances and by supplementing rebates for ENERGY STAR heating equipment to save energy; by encouraging appliance recycling; by stimulating demand for technologically advanced appliances; and by promoting national tracking and accountability.

Benefits

In addition to meeting the goals and objectives outlined above, the RI ARRA SEARP is projected to save water, save energy and energy costs, reduce reliance on imported fuels and reduce pollutant emissions as shown in Table 2. The program is expected to save nearly 161,000 gallons of water, over 146,000 kilowatt hours of electricity and over 154,000 pounds of carbon dioxide each year over the average 10 to 11 year life of the appliances.

Program Description

The OER proposes to allocate about 73 % of the rebate budget to ENERGY STAR heating equipment rebates for which demand far exceeds available funding. System Benefit Charge (SBC) funded programs for heating equipment at National Grid, the largest utility in the state¹ are significantly oversubscribed. The National Grid residential high efficiency heating program had exceeded its target by 15% by midyear 2009, having provided rebates to 783 customers. The high efficiency water heating program was at 87% of target at midyear with 384 rebates and the ENERGY STAR programmable thermostat program distributed 2,272 rebates, 181 % of its target.²

¹ National Grid: 480,000 customers = 98.8%; Pascoag Utility District: 5,100 customers = 1%; BIPCo: 1,000 population (Based on 2000 census population, no actual customer data is available) = 0.02

Since the programs are subject to caps on SBC budgets and are not eligible for Regional Greenhouse Gas Initiative funding, they would have to be discontinued or cut back without the additional funding that RI ARRA SEARP proposes. The program is critical to preventing the loss of jobs and revenues in companies that have made an investment in capacity to provide and install the ENERGY STAR equipment during a severe economic downturn. It takes about one half of one person-day to install each heating system.

OER proposes to allocate the remaining 27% of the rebate funding to ENERGY STAR kitchen appliance rebates. The program would also encourage recycling of kitchen appliances by including information about available recycling programs and additional rebates available through utility programs.

OER will give evaluate the responses to the RI ARRA SEARP RFP based on the following:

- Sub-grantee organization with substantial successful experience with large scale, multi-utility rebate programs
- Sub-grantee individuals assigned to project demonstrate successful experience with large scale, multi-utility rebate programs Ability to offer ENERGY STAR heating equipment rebates within a month of award
- Ability to offer ENERGY STAR kitchen appliance rebates within two months of award.
- Commitments from distribution utilities, retailers and installers in the state to take part in the rebate program and to leverage ARRA funds
- Cost effective rebate processing
- Easy, prompt access to rebate information and processing of rebates for customers

Appliances, Rebates and Implementation Costs

Products	ENERGY STAR Criteria	State Rebate Amount (\$)	Target Number of Rebates (2009-2011)	Total Rebate Cost
Dishwashers				
8/11/09 Criteria	<= 324 kWh/year and <= 5.8 gallons per cycle	\$ 150	400	\$ 60,000
Refrigerators	20% better than Federal standard	\$ 150	1,150	\$ 172,500
Freezers	10% better than Federal standard	\$ 150	50	\$ 7,500
Room Air Conditioners	EER ~10% greater than Federal standard			\$ -
Water Heaters	Varies by type (see below)			
Gas Tankless	EF >= 0.82	\$ 165	300	\$ 49,500
Gas Furnaces	AFUE >= 90%	\$ 100	60	\$ 6,000
Gas Boilers	AFUE >= 85%	\$ 500	190	\$ 95,000
Gas Furnaces 92% AFUE and ECM	AFUE >92%	\$ 400	130	\$ 52,000
Gas Boilers FHW 90% AFUE	AFUE >=90%	\$ 1,000	250	\$ 250,000
Combined HE Boiler and water heating		\$ 1,300	50	\$ 65,000
Indirect Water Heater		\$ 300	290	\$ 87,000
Energy Star Thermostat		\$ 25	1,420	\$ 35,500
TOTAL			4,290	\$ 880,000
Estimated Admin Costs				\$56,400
Total Program Budget				\$ 936,400

The OER has explored the projected rebates levels, budgets and other program elements with key stakeholders who have shown considerable interest in taking part in the program. The OER will revise details of program elements and projections in accordance with responses to the RFP, contract negotiations with the sub-grantee and cooperative agreements among the distribution utilities.

Goals

The goals of the RI ARRA SEARP are to:

- Stimulate jobs for retail and installation staff and to promote economic recovery
- Help those most affected by the recession including residents, retailers and installers
- Provide long term economic benefits
- Promote scientific and technological advances in home appliances
- Stabilize state and local government budgets to avoid service reductions and counterproductive tax increases

Objectives

The objectives are to:

- Provide rebates that encourage consumers to save energy by replacing older appliances with new ENERGY STAR appliances
- Enhance existing rebate programs by leveraging ENERGY STAR partnerships and state and local infrastructure

- Meet ARRA monitoring and evaluation requirements in a cost effective way through use of existing rebate delivery systems
- Promote state and national tracking and accountability
- Provide high quality outreach based on existing ENERGY STAR outreach materials

Benefits

The projected benefits are shown in Table 2 included as Attachment A.

Grant Application Package

Opportunity Title:	RECOVERY ACT: State Energy Efficient Appliance Rebate
Offering Agency:	Idaho Field Office
CFDA Number:	81.127
CFDA Description:	Energy Efficient Appliance Rebate Program
Opportunity Number:	DE-FOA-0000119
Competition ID:	
Opportunity Open Date:	07/14/2009
Opportunity Close Date:	10/15/2009
Agency Contact:	Jeff Fogg Contract Specialist E-mail: foggjc@id.doe.gov Phone: 208-526-4958

This electronic grants application is intended to be used to apply for the specific Federal funding opportunity referenced here.

If the Federal funding opportunity listed is not the opportunity for which you want to apply, close this application package by clicking on the "Cancel" button at the top of this screen. You will then need to locate the correct Federal funding opportunity, download its application and then apply.

This opportunity is only open to organizations, applicants who are submitting grant applications on behalf of a company, state, local or tribal government, academia, or other type of organization.

* Application Filing Name:

Mandatory Documents

Other Attachments Form:

Move Form to Complete



Move Form to Delete



Mandatory Documents for Submission

Application for Federal Assistance (SF-424)
Project/Performance Site Location(s)

Optional Documents

Disclosure of Lobbying Activities (SF-LLL)

Move Form to Submission List



Move Form to Delete



Optional Documents for Submission

Instructions

1 Enter a name for the application in the Application Filing Name field.

- This application can be completed in its entirety offline; however, you will need to login to the Grants.gov website during the submission process.
- You can save your application at any time by clicking the "Save" button at the top of your screen.
- The "Save & Submit" button will not be functional until all required data fields in the application are completed and you clicked on the "Check Package for Errors" button and confirmed all data required data fields are completed.

2 Open and complete all of the documents listed in the "Mandatory Documents" box. Complete the SF-424 form first.

- It is recommended that the SF-424 form be the first form completed for the application package. Data entered on the SF-424 will populate data fields in other mandatory and optional forms and the user cannot enter data in these fields.
- The forms listed in the "Mandatory Documents" box and "Optional Documents" may be predefined forms, such as SF-424, forms where a document needs to be attached, such as the Project Narrative or a combination of both. "Mandatory Documents" are required for this application. "Optional Documents" can be used to provide additional support for this application or may be required for specific types of grant activity. Reference the application package instructions for more information regarding "Optional Documents".

- To open and complete a form, simply click on the form's name to select the item and then click on the => button. This will move the document to the appropriate "Documents for Submission" box and the form will be automatically added to your application package. To view the form, scroll down the screen or select the form name and click on the "Open Form" button to begin completing the required data fields. To remove a form/document from the "Documents for Submission" box, click the document name to select it, and then click the <= button. This will return the form/document to the "Mandatory Documents" or "Optional Documents" box.

- All documents listed in the "Mandatory Documents" box must be moved to the "Mandatory Documents for Submission" box. When you open a required form, the fields which must be completed are highlighted in yellow with a red border. Optional fields and completed fields are displayed in white. If you enter invalid or incomplete information in a field, you will receive an error message.

3 Click the "Save & Submit" button to submit your application to Grants.gov.

- Once you have properly completed all required documents and attached any required or optional documentation, save the completed application by clicking on the "Save" button.
- Click on the "Check Package for Errors" button to ensure that you have completed all required data fields. Correct any errors or if none are found, save the application package.
- The "Save & Submit" button will become active; click on the "Save & Submit" button to begin the application submission process.
- You will be taken to the applicant login page to enter your Grants.gov username and password. Follow all onscreen instructions for submission.

[Close Form](#)[Next](#)[Print Page](#)[About](#)OMB Number: 4040-0004
Expiration Date: 01/31/2009

Application for Federal Assistance SF-424

Version 02

* 1. Type of Submission:

- ☐ Preapplication
☒ Application
☐ Changed/Corrected Application

* 2. Type of Application:

- ☒ New
☐ Continuation
☐ Revision

* If Revision, select appropriate letter(s):

* Other (Specify)

* 3. Date Received:

Completed by Grants.gov upon submission.

4. Applicant Identifier:

5a. Federal Entity Identifier:

* 5b. Federal Award Identifier:

DE-EE0001613

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: State of Rhode Island

* b. Employer/Taxpayer Identification Number (EIN/TIN):

05-6000522

* c. Organizational DUNS:

121325935

d. Address:

* Street1:

RI Office of Energy Resources

Street2:

1 Capitol Hill

* City:

Providence

County:

* State:

RI: Rhode Island

Province:

* Country:

USA: UNITED STATES

* Zip / Postal Code: 02908-5850

e. Organizational Unit:

Department Name:

Department of Administration

Division Name:

Office of Energy Resources

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

* First Name:

Janet

Middle Name:

* Last Name:

Keller

Suffix:

Title: Deputy Director, Office of Energy Resources

Organizational Affiliation:

RI Department of Administration

* Telephone Number: 401-574-9126

Fax Number: 401-574-9125

* Email: jkeller@energy.ri.gov

[Close Form](#)[Previous](#)[Next](#)[Print Page](#)[About](#)OMB Number: 4040-0004
Expiration Date: 01/31/2009**Application for Federal Assistance SF-424**

Version 02

9. Type of Applicant 1: Select Applicant Type:

A: State Government

Type of Applicant 2: Select Applicant Type:**Type of Applicant 3: Select Applicant Type:***** Other (specify):***** 10. Name of Federal Agency:**

Idaho Field Office

11. Catalog of Federal Domestic Assistance Number:

81.127

CFDA Title:

Energy Efficient Appliance Rebate Program

*** 12. Funding Opportunity Number:**

DE-FOA-0000119

*** Title:**RECOVERY ACT: State Energy Efficient Appliance Rebate
Program (SEEARP)**13. Competition Identification Number:****Title:****14. Areas Affected by Project (Cities, Counties, States, etc.):**

State

*** 15. Descriptive Title of Applicant's Project:**

Rhode Island ARRA Energy Efficiency Appliance Rebate

Attach supporting documents as specified in agency instructions.

[Add Attachments](#)[Delete Attachments](#)[View Attachments](#)

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Application for Federal Assistance SF-424

Version 02

16. Congressional Districts Of:

* a. Applicant RI 001

* b. Program/Project State

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment

Delete Attachment

View Attachments

17. Proposed Project:

* a. Start Date: 11/01/2009

* b. End Date: 02/29/2012

18. Estimated Funding (\$):

* a. Federal	1,008,000.00
* b. Applicant	
* c. State	
* d. Local	
* e. Other	
* f. Program Income	
* g. TOTAL	1,008,000.00

* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?

- ☒ a. This application was made available to the State under the Executive Order 12372 Process for review on 10/15/2009.
- ☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- ☐ c. Program is not covered by E.O. 12372.

* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)

☐ Yes ☒ No

Explanation

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

☒ ** I AGREE.

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Janet

Middle Name:

* Last Name: Keller

Suffix:

* Title: Deputy Director Office of Energy Resources

* Telephone Number: 401-574-9126 Fax Number: 401-574-9125

* Email: JKeller@energy.ri.gov

* Signature of Authorized Representative: Completed by Grants.gov upon submission.

* Date Signed: Completed by Grants.gov upon submission.

Authorized for Local Reproduction

Standard Form 424 (Revised 10/2005)
Prescribed by OMB Circular A-102

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OMB Number: 4040-0004
Expiration Date: 01/31/2009

Application for Federal Assistance SF-424

Version 02

*** Applicant Federal Debt Delinquency Explanation**

The following field should contain an explanation if the Applicant organization is delinquent on any Federal Debt. Maximum number of characters that can be entered is 4,000. Try and avoid extra spaces and carriage returns to maximize the availability of space.

Project/Performance Site Location(s)

Project/Performance Site Primary Location. ☐ I am submitting an application as an individual, and not on behalf of a company, state, local or tribal government, academia, or other type of organization.

Organization Name: State of Rhode Island

DUNS Number: 1213259350000

* Street1: Office of Energy Resources

Street2: One Capitol Hill

* City: Providence

County:

* State: RI: Rhode Island

Province:

* Country: USA: UNITED STATES

* ZIP / Postal Code: 02908-5850

* Project/ Performance Site Congressional District: RI-001

Project/Performance Site Location 1

☐ I am submitting an application as an individual, and not on behalf of a company, state, local or tribal government, academia, or other type of organization.

Organization Name:

DUNS Number:

* Street1:

Street2:

* City:

County:

* State:

Province:

* Country: USA: UNITED STATES

* ZIP / Postal Code:

* Project/ Performance Site Congressional District:

Do & Exit

Next Site

Appliances, Rebates and Implementation Costs

Products	ENERGY STAR Criteria	State Rebate Amount (\$)	Target Number of Rebates (2009-2011)	Total Rebate Cost
Dishwashers				
8/11/09 Criteria	<= 324 kWh/year and <= 5.8 gallons per cycle	\$ 150	400	\$ 60,000
Refrigerators	20% better than Federal standard	\$ 150	1,150	\$ 172,500
Freezers	10% better than Federal standard	\$ 150	50	\$ 7,500
Room Air Conditioners	EER ~10% greater than Federal standard			\$ -
Water Heaters	Varies by type (see below)			
Gas Tankless	EF >= 0.82	\$ 165	300	\$ 49,500
Gas Furnaces	AFUE >= 90%	\$ 100	60	\$ 6,000
Gas Boilers	AFUE >= 85%	\$ 500	190	\$ 95,000
Gas Furnaces 92% AFUE and ECM	AFUE >92%	\$ 400	130	\$ 52,000
Gas Boilers FHW 90% AFUE	AFUE >=90%	\$ 1,000	250	\$ 250,000
Combined HE Boiler and water heating		\$ 1,300	50	\$ 65,000
Indirect Water Heater		\$ 300	290	\$ 87,000
Energy Star Thermostat		\$ 25	1,420	\$ 35,500
TOTAL			4,290	\$ 880,000
Estimated Admin Costs				\$56,400
Total Program Budget				\$ 936,400

Program Plan Detail - Rebate Levels and Budget

1. Select your state or territory from the drop-down menu immediately below these instructions. Customized sales projections and savings figures will automatically appear.
2. Insert rebate amounts and your target number of rebates for each product in the yellow boxes below. Total cost and annual savings achieved will appear automatically once target numbers of rebates have been entered.

Instructions:		Rhode Island		State's Allocation:		Rhode Island		State's Allocation:																	
Select State or Territory:		Rhode Island		State's Allocation:		Rhode Island		State's Allocation:																	
Products		ENERGY STAR Criteria		2009 Unit Sales in State (ENERGY STAR and Non-ENERGY STAR Combined)		National ENERGY STAR Market Share		Are Other State Rebates Available? (Yes / No)		State Rebate Amount (\$)		Target Number of Rebates (2009-2011)		Total Rebate Cost		Expected Annual Savings per Unit (kWh)		Expected Annual Savings per Unit (Natural Gas Therms)		Expected Annual Savings per Unit (Gallons of Water)		Expected Annual Savings per Unit (Btu)		Expected Annual Savings per Unit (lbs of CO2)	
Clothes Washers																									
7/10/9 Criteria	MEF >= 1.8; WF <= 7.5	26,778	40%														112	4.12		9,846	793,819	122			
1/1/11 Criteria	MEF >= 2.0; WF <= 6.0	26,778	30%														126	4.61		7,548	912,285	136			
Dishwashers																									
8/1/09 Criteria	<= 324 kWh/year and <= 5.8 gallons per cycle	18,690	40%	Yes						\$	150	400	\$	60,000			49	1.18	402		288,836	52			
7/1/11 Criteria	<= 307 kWh/year and <= 5.0 gallons per cycle	18,690	20%	Yes						\$	150	1,183	\$	177,450			57	1.37	497		334,764	62			
Refrigerators	20% better than Federal standard	29,639	30%	Yes						\$	450	50	\$	22,500			105				356,260	111			
Freezers	10% better than Federal standard	6,971	3%	Yes						\$	50	50	\$	2,500			48				163,776	51			
Room Air Conditioners	EER >= 10% greater than Federal standard	72,482	50%							\$							46				158,608	46			
Water Heaters																									
Gas-Condensing Electric Heat Pump	EF >= 0.8	11,381	0%																						
Gas Storage (1/1/03 Criteria)	EF >= 2.0	9,637	<1%																						
Gas Storage (8/1/10 Criteria)	EF >= 0.62	11,381	4%																						
Gas Tankless	EF >= 0.87	11,381	<1%																						
Solar (electric back-up)	EF >= 0.82	11,381	3%	Yes						\$	165	300	\$	49,500							3,994,000	33			
Solar (gas back-up)	SF >= 0.5	9,637	<1%																		7,785,000	92			
Central Air Conditioners	>= 14.5 SEER/ >= 12 EER* for split systems; >= 14 SEER/ >= 11 EER* for single package equipment including gas/electric package units	11,381	<1%																		8,281,748	2,559			
Air Source Heat Pumps	>= 8.2 HSPF/ >= 14.5 SEER/ >= 12 EER* for split systems; >= 8.0 HSPF/ >= 14 SEER/ >= 11 EER* for single package equipment including gas/electric package units	4,069	21%																		13,021,000	157			
Oil Furnaces																									
Gas Furnaces	AFUE >= 85%	1,028	10%	Yes																	516,524	159			
Oil Boilers	AFUE >= 80%	2,557	32%	Yes																					
Gas Boilers	AFUE >= 85%	3,198	61%	Yes																					
Gas Furnaces 92% AFUE and ECM	AFUE >= 92%	2,715	39%	Yes																					
Gas Boilers 92% AFUE and ECM	AFUE >= 92%			Yes																					
Combined HE Boiler and Water Heating	AFUE >= 90%			Yes																					
Indirect Water Heater				Yes																					
Energy Star Thermostat				Yes																					
TOTAL											4,325	\$	880,000												
Estimated Admin Costs																									
Total Program Budget																									

Total Expected Annual Savings (kWh)	Total Expected Annual Savings (Natural Gas Therms)	Total Expected Annual Savings (Gallons of Water)	Total Expected Annual Savings (Btu)	Total Expected Annual Savings (lbs of CO2)	Average Product Lifetime (Years)	Total Expected Lifetime Savings (KWh)	Total Expected Lifetime Savings (Natural Gas Therms)	Total Expected Lifetime Savings (Gallons of Water)	Total Expected Lifetime Savings (Btu)	Total Expected Lifetime Savings (lbs of CO2)
19,405	472	160,820	113,454,886	20,937	10	594,064	4,724	1,609,200	1,134,544,865	209,374
124,215			423,621,560	130,438	10	1,400,580				
2,400			8,193,800	2,523	11	28,400			5,085,658,680	1570,037
					9				90,076,800	27,807
					15					
					10					
					13					
23,355			2,335,500,000	24,600	20		467,100		46,710,000,000	491,998
					20					
					11					
					12					
					17					
6,337			513,705,284	16,464	15		82,093		8,205,594,406	96,963
6,359			835,940,198	9,305	20		162,190		16,218,883,557	176,102
26,480			2,548,000,000		20		458,640		45,864,000,000	
37,500			3,750,000,000		20		750,000		75,000,000,000	
6,750			675,000,000		20		135,000		13,500,000,000	
11,600			1,160,000,000		20		232,000		23,200,000,000	
105,650			10,665,000,000		15		1,599,750		159,975,000,000	
146,020	226,304	160,820	23,128,620,358	194,171		1,711,034	3,906,460	1,602,200	386,484,058,988	2,572,283

ID-EC98.1

APPLICANT ENVIRONMENTAL CHECKLIST

The following information must be provided to and approved by the Department of Energy (DOE) before a contractual document can be awarded. Complete and correct information expedites the review process.

SECTION A:

Project Title: RI ARRA Energy Efficiency Appliance Program
Applicant Organization: RI Office of Energy Resource
Applicant Organization Contact (Usually the P.I.): Janet Keller
Telephone Number: 401-574-9126

SECTION B: Attach a complete and concise description of the project or activity. Include purpose and need and enough information so that a verification of the impacts can be performed. This allows DOE to make the proper NEPA determination. (Program Narrative attached)

SECTION C: SOURCES OF IMPACTS: WOULD THE PROPOSAL INVOLVE OR GENERATE ANY OF THE FOLLOWING? (If yes, please provide brief explanation. For example, if yes is checked for question 15, indicate how much waste will be generated and the office or procedure in place to handle disposal.)

	YES	NO		YES	NO
1. Air Emissions	___	<u>x</u>	10. Contaminated Soil	___	<u>x</u>
2. Asbestos or Waste	___	<u>x</u>	11. Industrial Waste Generation	___	<u>x</u>
3. Biological Hazards	___	<u>x</u>	12. PCBs	___	<u>x</u>
4. Discharge or Wastewater	___	<u>x</u>	13. Hazardous Waste Generation	___	<u>x</u>
5. Cultural/Historical Resources	___	<u>x</u>	14. Radioactive Waste Generation	___	<u>x</u>
6. Soil Disturbance	___	<u>x</u>	15. Mixed Waste Generation	___	<u>x</u>
7. Radioactive Material Use	___	<u>x</u>	16. Chemical Waste Disposal	___	<u>x</u>
8. Water/Well Use	___	<u>x</u>	17. Interaction with Wildlife/Habitat	___	<u>x</u>
9. Workflow Within a Floodplain	___	<u>x</u>	18. Chemical Use/Storage	___	<u>x</u>

SECTION D: CATEGORY EVALUATION CRITERIA, WOULD THE ACTION:

	YES	NO
1. Require cultural, historical, or biological clearances?	___	<u>x</u>
2. Impact sensitive resources identified in Item 1 above? Describe the mitigation plan.	___	<u>x</u>
3. Require or modify federal, state, or local permits, approvals, etc.?	___	<u>x</u>
4. Create hazardous, radioactive, PCB, or mixed waste for which no disposal is available?	___	<u>x</u>
5. Require siting, construction, or modification of a RCRA or TSCA regulated facility?	___	<u>x</u>
6. Is the activity included in an Environmental Impact Statement or Environmental Assessment?	___	<u>x</u>

SECTION E: CERTIFICATION. To the best of the applicant's knowledge at the time of signing, the responses given above are complete and accurate, and should new issues or concerns arise or changes occur anytime after award and during the course of performance, the applicant will alert DOE immediately.



Deputy Director, OER

APPLICANT SIGNATURE & TITLE

October 15, 2009

DATE

FOR DOE USE ONLY	
NEPA Doc Number:	Solicitation #:
NEPA CX Applied:	Contract Specialist:
Approved: Signature/Date:	Project Manager:

Budget Detail Package

(See Instructions Tab for Guidance)

Budget Summary

State	State/Territory Name	Award Number		Total Award Value	Program Administrator (if other than state)	
RI	Rhode Island	DE-EE0001613		\$ 1,008,000		
Administrative Costs		Travel	Supplies	Outreach/Marketing	Other	Indirect Costs
State/Territory Costs	Direct Labor					
	\$ 67,338	\$ -	\$ 1,804	\$ -	\$ 1,658	\$ -
DOE Costs	\$ 67,336	\$ -	\$ 1,804	\$ -	\$ 1,260	\$ -
Total Admin Costs	\$ 134,674	\$ -	\$ 3,608	\$ -	\$ 2,918	\$ -

Total Administrative Costs	\$ 141,200
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Admin Funds Requested	\$ 70,400
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Rebate Funding	\$ 937,600
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Guidance: Begin by entering the two-letter state/territory abbreviation and the Program Administrator if appropriate. Complete each of the budget category tabs (below). The data will pull from the individual tabs to complete this summary page. As you work, check for error messages in red text throughout the package. There is a tab at the end with instructions and further guidance for each individual page. If you have questions not answered in the instructions, please send an email to Jeff Fogg, at recovery@jd.doe.gov.

Validation Errors (confirm that no validation errors are listed below OR on any of the budget tabs)

Appliances, Rebates and Implementation Costs

Products	ENERGY STAR Criteria	State Rebate Amount (\$)	Target Number of Rebates (2009-2011)	Total Rebate Cost
Dishwashers				
8/11/09 Criteria	<= 324 kWh/year and <= 5.8 gallons per cycle	\$ 150	400	\$ 60,000
Refrigerators	20% better than Federal standard	\$ 150	1,150	\$ 172,500
Freezers	10% better than Federal standard	\$ 150	50	\$ 7,500
Room Air Conditioners	EER ~10% greater than Federal standard			\$ -
Water Heaters	Varies by type (see below)			
Gas Tankless	EF >= 0.82	\$ 165	300	\$ 49,500
Gas Furnaces	AFUE >= 90%	\$ 100	60	\$ 6,000
Gas Boilers	AFUE >= 85%	\$ 500	190	\$ 95,000
Gas Furnaces 92% AFUE and ECM	AFUE >92%	\$ 400	130	\$ 52,000
Gas Boilers FHW 90% AFUE	AFUE >=90%	\$ 1,000	250	\$ 250,000
Combined HE Boiler and water heating		\$ 1,300	50	\$ 65,000
Indirect Water Heater		\$ 300	290	\$ 87,000
Energy Star Thermostat		\$ 25	1,420	\$ 35,500
TOTAL			4,290	\$ 880,000
Estimated Admin Costs				\$56,400
Total Program Budget				\$ 936,400

DIRECT LABOR COST DETAIL

(Include all state Direct Labor costs and indicate how much of each category should be funded by DOE.)

DIRECT LABOR

	Name of Individual or Labor Category	RATE Annual Salary or Hourly Wage	HOURS Total Estimated Hours	ESTIMATED COST	
				Total Estimated Cost	
A.	Janet Keller	\$ 103,863.00	728	\$ 41,547	
B.	David Cordeiro	\$ 54,235.00	364	\$ 10,848	
C.	To be determined	\$ 68,385.00	364	\$ 13,678	
D.	To be determined	\$ 68,385.00	364	\$ 13,678	
E.					
F.					
Subtotal:				\$ 79,751	DOE Amount \$ 39,875

FRINGE BENEFITS

	Description of Base	RATE	BASE AMOUNT	ESTIMATED COST	
A.	Retirement & Retirement Health	27%	\$ 79,750.00	\$ 21,740	
B.	FICA	8%	\$ 79,750.00	\$ 6,101	
C.	Assessed Fringe Benefits	5%	\$ 79,750.00	\$ 3,621	
D.	Accrual	1%	\$ 79,750.00	\$ 798	
E.	Health Care based upon hour work on project per employee, computed for each employee.	100%	\$ 22,664.00	\$ 22,664	DOE Amount
Subtotal:			\$ 54,923	\$ 27,461	

LABOR OVERHEAD

	Description of Base	RATE	BASE AMOUNT	ESTIMATED COST	
A.					
B.				\$ -	
C.				\$ -	
D.				\$ -	
E.				\$ -	DOE Amount

	Subtotal: \$	-
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Page Total	DOE Total
\$ 134,674	\$ 67,336

Budget Justification (Provide narrative justification for each individual or labor category. Boxes will expand as needed.)

	<u>Basis of Estimate</u> (e.g. actual payroll data)
A.	
B.	
C.	
D.	
E.	
F.	

Fringe Justification (Provide justification for fringe benefits. Box will expand.)

	<u>Basis of Estimate</u> (e.g. negotiated rate agreement)
A.	Retirement & Retirement Health based upon actual % charged all employees based on number of hours charged to grant.
B.	FICA, .0765 for all employees based on total wages
C.	Assessed Fringe(includes, workers comp, unemployment, etc) based on 4.54 of total wages.
D.	Accrual based on data given from state budget office
E.	Health care, prescription plan and vision plan based on 17,988, less employees contributions.
F.	6

Labor Overhead Justification (Provide justification for labor overhead. Box will expand.)

	<u>Basis of Estimate</u> (e.g. negotiated rate agreement)
A.	
B.	
C.	
D.	
E.	

SUPPLIES/MATERIALS COST DETAIL

(Include ALL supplies/materials costs and indicate what portion should be funded by DOE.)

DESCRIPTION		ESTIMATED COST	DOE Amount
A.	Office supplies	\$	
B.	Computers	\$ 1,608	
C.		\$ 2,000	
D.			
E.			
F.			
G.			
H.			
I.			
J.			
TOTAL COST:		\$ 3,608	\$ 1,804

Budget Justification (Provide narrative justification for each supply/material category. Boxes will expand as needed.)

Basis of Estimate (e.g. quote, catalog price, engineering estimate, historical cost, etc.)

A.	various office supplies for employees, postage, etc	all supplies are purchase on state master purchase
B.	Computer needed for new employees	based upon mpa with state of R.I. division of purchasing.
C.		
D.		
E.		
F.		
G.		
H.		
I.		
J.		

OTHER DIRECT COST DETAIL

(Include all Other Direct costs and indicate what amount should be funded by DOE.)

DESCRIPTION		COST	
A.	Audit fees		
B.	Telephones	\$	1,260
C.		\$	1,658
D.			
E.			
F.			
G.			
H.			
I.			
J.			
Subcontracts			
K.			
L.			
M.			
N.			
TOTAL COST		\$	2,918
			DOE Amount
			\$ 1,260

Budget Justification (Provide narrative justification for each cost line. Boxes will expand as needed.)

Basis of Estimate (e.g. quote, engineering estimate, historical cost, etc.)

A.	Everytime federal funds are drawn a .0075 rate is charged. When ARRA funds are drawn an additional .0050 is charged	Basis of estimate is written policy of state of Rhode Island
B.	Telephone cost are allocated to all accounts.	Estimated based on award amount
C.		
D.		
E.		
F.		
G.		

H.		
I.		
J.		
Subcontracts		
K.		
L.		
M.		
N.		

Subcontract Budget Detail

(required for any subcontract over 25% of the Total Administrative Costs or over \$100k)

Subcontractor Name	Subcontract Value	Purpose of Subcontract
To be determined	\$ 936,400	To provide easy-to-use RI ARRA Energy Efficiency Appliance Rebate Program.

Cost Category	Estimated Cost	Basis of Estimate (include labor rates, hours, purpose of travel, etc)
Direct Labor		
Labor		See attachment B for details.
Fringe Benefits		
Labor Overhead		
Direct Labor Total	\$ -	
Travel		
Supplies/Materials		
Outreach/Marketing		
Other Direct Costs	\$ 936,400	
Indirect Costs		
Total Cost	\$ 936,400	

Comments: Please provide any additional comments as needed. (Box will expand.)